

COMBINED DECLARATION FOR PATENT APPLICATION AND POWER OF ATTORNEY  
(includes Reference to PCT International Applications)

ATTORNEY'S DOCKET  
NUMBER  
**PHIT020027 US**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **"Transmission power optimization in OFDM wireless communication system"** the specification of which (check only one item below):

☐ is attached hereto.

☐ was filed as United States application

Serial No \_\_\_\_\_

on \_\_\_\_\_

and was amended

on \_\_\_\_\_

☒ was filed as PCT international application

Number PCT/IB2003/003992

on 01 September 2003

and was amended under PCT Article 19

on \_\_\_\_\_ (if applicable).

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| COUNTRY | APPLICATION NUMBER | DATE OF FILING<br>DAY, MONTH, YEAR | PRIORITY<br>CLAIMED UNDER<br>35 USC 119 |
|---------|--------------------|------------------------------------|---|
| Europe  | 02078749.5         | 10 September 2002                  | YES                                     |
|         |                    |                                    |   |
|         |                    |                                    |   |
|         |                    |                                    |   |

U.S. DEPARTMENT OF COMMERCE -Patent and Trademarks Office  
(July 1994)

|   |                         |  |  |  |  |
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| Jack E. Haken, Reg. No. 26,902<br>Michael E. Marion, Reg. No. 32,266<br>Edward M. Blocker, Reg. No. 30,245  |                         |  |  | Direct Telephone Calls to:<br>(name and telephone number)<br>(914)332-0222 |  |
| 201   | FULL NAME OF INVENTOR   | FAMILY NAME<br><b>AGAROSS</b>                    | FIRST GIVEN NAME<br><b>Luigi</b>         | SECOND GIVEN NAME  |  |
|   | RESIDENCE & CITIZENSHIP | CITY<br><b>Concorezzo</b>                        | STATE OR FOREIGN COUNTRY<br><b>Italy</b> | COUNTRY OF CITIZENSHIP<br><b>Italy</b>                                     |  |
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| 202   | FULL NAME OF INVENTOR   | FAMILY NAME<br><b>GIANGASPERO</b>                | FIRST GIVEN NAME<br><b>Luca</b>          | SECOND GIVEN NAME  |  |
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| SIGNATURE OF INVENTOR 201   |                         | SIGNATURE OF INVENTOR 202                        |  | SIGNATURE OF INVENTOR 203  |  |
|    |                         |  |  |  |  |
| DATE<br>13 April 2004   |                         | DATE   |  | DATE   |  |
| SIGNATURE OF INVENTOR 204   |                         |  |  |  |  |
| DATE  |                         |  |  |  |  |

U.S. DEPARTMENT OF COMMERCE- Patent and Trademarks Office

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| SIGNATURE OF INVENTOR 201   |                         | SIGNATURE OF INVENTOR 202                        |  | SIGNATURE OF INVENTOR 203  |  |
| DATE  |                         | DATE<br>16 April 2004                            |  | DATE   |  |
| SIGNATURE OF INVENTOR 204   |                         |  |  |  |  |
| DATE  |                         |  |  |  |  |

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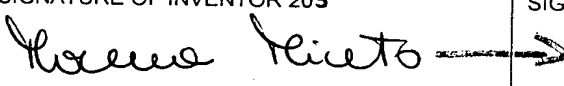
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|                           |   |                           |
|---------------------------|---|---------------------------|
| SIGNATURE OF INVENTOR 201 | SIGNATURE OF INVENTOR 203<br> | SIGNATURE OF INVENTOR 203 |
| DATE                      | DATE<br>20 April 2004   | DATE                      |
| SIGNATURE OF INVENTOR 204 |   |                           |
| DATE                      |   |                           |

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(July 1994)



## POWER OF ATTORNEY TO PROSECUTE APPLICATIONS BEFORE THE USPTO

I hereby revoke all previous powers of attorney given in the application identified in the attached statement under 37 CFR 3.73(b).

I hereby appoint:

☒ Practitioners associated with the Customer Number:

24737

OR

☐ Practitioner(s) named below (if more than ten patent practitioners are to be named, then a customer number must be used):

| Name | Registration Number | Name | Registration Number |
|------|---------------------|------|---------------------|
|      |                     |      |                     |
|      |                     |      |                     |
|      |                     |      |                     |
|      |                     |      |                     |
|      |                     |      |                     |

as attorney(s) or agent(s) to represent the undersigned before the United States Patent and Trademark Office (USPTO) in connection with any and all patent applications assigned only to the undersigned according to the USPTO assignment records or assignment documents attached to this form in accordance with 37 CFR 3.73(b).

Please change the correspondence address for the application identified in the attached statement under 37 CFR 3.73(b) to:

☒ The address associated with Customer Number:

24737

OR

|  |       |     |  |
|--|-------|-----|--|
| <input type="checkbox"/> Firm or Individual Name |       |     |  |
| Address  |       |     |  |
| City   | State | Zip |  |
| Country  |       |     |  |
| Telephone  | Fax   |     |  |


Assignee Name and Address:

KONINKLIJKE PHILIPS ELECTRONICS N.V.  
Groenewoudseweg 1  
5621 BA Eindhoven, The Netherlands

A copy of this form, together with a statement under 37 CFR 3.73(b) (Form PTO/SB/96 or equivalent) is required to be filed in each application in which this form is used. The statement under 37 CFR 3.73(b) may be completed by one of the practitioners appointed in this form if the appointed practitioner is authorized to act on behalf of the assignee, and must identify the application in which this Power of Attorney is to be filed.

### SIGNATURE of Assignee of Record

The individual whose signature and title is supplied below is authorized to act on behalf of the assignee

|           |   |           |                 |
|-----------|---|-----------|-----------------|
| Signature |  | Date      | 14 January 2005 |
| Name      | Michael E. Marion   | Telephone | (914) 333-9637  |
| Title     | Authorized Representative   |           |                 |

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**STATEMENT UNDER 37 CFR 3.73(b)**

107527005  
DT01 Rec'd PCT/PTO 07 MAR 2005

Applicant/Patent Owner: Koninklijke Philips Electronics N.V.

Application No./Patent No.: Concurrently Filed/Issue Date: Concurrently

Entitled: TRANSMISSION POWER OPTIMIZATION IN OFDM WIRELESS COMMUNICATION SYSTEM

Koninklijke Philips Electronics N.V., a corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %  
in the patent application/patent identified above by virtue of either:

A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

☐ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

2/23/05  
Date  
(914) 333-9608  
Telephone number

Aaron Waxler, Reg. 48,027  
Typed or printed name  
[Signature]  
Signature  
Corporate Counsel  
Title

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